

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ((bandwidth near2 (monitor\$3 or track\$3 or measur\$3 or calculat\$3)) same ((minimiz\$3 or reduc\$3 or decreas\$3) adj2 delay))	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:40
L2	32	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ((bandwidth near2 (monitor\$3 or track\$3 or measur\$3 or calculat\$3)) and ((minimiz\$3 or reduc\$3 or decreas\$3) adj2 delay))	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:41
L3	22	2 and (buffer or fifo or queue)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:41
L4	806016	"6" and (network or internet)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:42
L5	21	3 and (network or internet)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:42
L6	1679865	"7" and rate	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:42
L7	19	5 and rate	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:44
L8	8507	bandwidth near2 (monitor\$3 or track\$3 or measur\$3 or calculat\$3)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:45
L9	28977	(minimiz\$3 or reduc\$3 or decreas\$3) adj2 delay	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:45
L10	9	8 same 9	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:45
L11	37119	8 or 9	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:46
L12	2930	11 same (buffer or fifo queue)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:46
L13	524	12 same (network or internet)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:46
L14	524	13 same (network or internet)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:47
L15	143	14 same rate	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:47
L16	40	15 same (path or channel or connection or line)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:47
L17	199	((low or regular or normal) adj rate) near1 (path or channel))	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:48

## EAST Search History

L18	21	(slow adj rate) near1 (path or channel)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:48
L19	220	17 or 18	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:49
L20	474	((fast or high\$2 or burst) adj1 rate near1 (path or channel))	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:50
L21	51	19 same 20	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:50
L22	2	21 same (buffer or fifo or queue)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:51
L23	190	20 and (buffer or fifo or queue)	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:50
L24	1	"20030198184".pn.	US-PGPUB; USPAT	OR	OFF	2007/12/23 12:51
L25	5	("2003/0198184").URPN.	USPAT	OR	OFF	2007/12/23 12:53
L26	1	"7225459".pn.	USPAT	OR	OFF	2007/12/23 12:53
L27	3	("7079486" "6434606" "6658027").pn.	USPAT	OR	OFF	2007/12/23 12:53
L28	4	709/231,230,203,246,217,218,219;725/41,43,90,94,96,98;370/231,232.ccls. and ((transmit\$4 or send\$3 or transfer\$4) near data) same (jitter adj buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/23 13:18
S1	443	709/231.ccls. and ad<"20000628"	USPAT	OR	OFF	2007/12/23 12:32
S2	28	709/231.ccls. and ad<"20000628" and stream\$3 adj media	USPAT	OR	OFF	2003/07/02 10:05
S3	208	709/231,246,217,218,219.ccls. and ad<"20000628" and stream\$3 adj media	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:00
S4	50	("6401126" "6404746" "5768527" "6085252" "5361261" "6134217" "6085221" "6370144" "6389031" "6397251" "6259677" "5982778" "5995488" "5926481" "5594734" "6263371" "6097422" "5581784" "5721950" "5734925" "5754882" "5815662" "6101547" "5623490" "6360271" "6512761" "5581703" "5701465" "5600641" "5535209" "5758076" "5852705" "6047001" "5751665" "5928330" "6314451" "6317761" "6466967" "5528513" "5931922" "6185636" "6239793" "6233226" "5909443" "5953336" "5291481" "6292490" "6351471" "6351474" "6449283").pn.	USPAT	OR	OFF	2003/07/02 10:09

## EAST Search History

S5	37662	proxy or server	USPAT	OR	OFF	2003/07/02 10:20
S6	465552	(proxy or server) same client or user	USPAT	OR	OFF	2003/07/02 10:18
S7	54155	((proxy or server) same client or user) same switch	USPAT	OR	OFF	2003/07/02 10:18
S8	614	((((proxy or server) same client or user) same switch) same media	USPAT	OR	OFF	2003/07/02 10:19
S9	0	(((((proxy or server) same client or user) same switch) same media) same jitter adj buffer	USPAT	OR	OFF	2003/07/02 10:19
S10	3	(((((proxy or server) same client or user) same switch) same media) and jitter adj buffer	USPAT	OR	OFF	2003/07/02 10:19
S11	77479	proxy or server	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:20
S12	9	(proxy or server) same jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:23
S13	19	jitter adj buffer.ab.	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:31
S14	91	jitter adj buffer and switch	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:31
S15	15	jitter adj buffer same switch	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:35
S16	38	burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:36
S17	0	burst adj path same jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:36
S18	0	burst adj path and jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:36
S19	1250	transcoder	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:39
S20	0	transcoder same burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:36
S21	0	transcoder and burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:37
S22	2	transcoder same stream\$3 adj media	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:39
S23	1	"6407680".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:39
S24	166	transcoder.ab.	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:40
S25	2	transcoder.ab. same media	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:43
S26	102	media same control adj switch	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:47

## EAST Search History

S27	0	stream\$3 adj media same control adj switch	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:48
S28	7	stream\$3 adj media and control adj switch	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:50
S29	0	burst adj path same regular adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:51
S30	0	burst adj path and regular adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:51
S31	181	"725"/\$.ccls. and stream\$3 adj media	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:51
S32	0	"725"/\$.ccls. and stream\$3 adj media same transcoder	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:52
S33	2	"725"/\$.ccls. and stream\$3 adj media and transcoder	US-PGPUB; USPAT	OR	OFF	2003/07/02 10:52
S34	34	burst adj path	USPAT	OR	OFF	2003/07/02 11:50
S35	1	burst adj path.ab.	USPAT	OR	OFF	2003/07/02 11:50
S36	0	burst adj path and stream\$4 adj media	USPAT	OR	OFF	2003/07/02 11:50
S37	0	stream\$4 adj media near3 burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 11:51
S38	5	minimiz\$3 near3 start adj delay	US-PGPUB; USPAT	OR	OFF	2003/07/02 11:52
S39	0	(minimiz\$3 near3 start adj delay) same stream\$3 adj media	US-PGPUB; USPAT	OR	OFF	2003/07/02 11:52
S40	0	(minimiz\$3 near3 start adj delay) and stream\$3 adj media	US-PGPUB; USPAT	OR	OFF	2003/07/02 11:52
S41	12059	transmit\$4 near3 data same server	US-PGPUB; USPAT	OR	OFF	2003/07/02 11:56
S42	2	(transmit\$4 near3 data same server) same jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:27
S43	1	burst adj transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:29
S44	2042	transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:29
S45	0	(transmit adj buffer) same burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:29
S46	1	(transmit adj buffer) and burst adj path	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:37
S47	1	"6452950".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:54
S48	1	"6452950".URPN.	USPAT	OR	OFF	2003/07/02 12:37
S49	5	("6212206"   "6301258"   "6366959"   "6389032"   "6452950").PN.	USPAT	OR	OFF	2003/07/02 12:38

## EAST Search History

S50	7	("4942547"   "4958341"   "4977582"   "5566208"   "5604793"   "6259677"   "6360271").PN.	USPAT	OR	OFF	2003/07/02 12:39
S51	1277	switch same jitter	US-PGPUB; USPAT	OR	OFF	2003/07/02 12:54
S52	21	(switch same jitter) same server	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:20
S53	12	de adj jitter\$3 adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:41
S54	9	de adj jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:43
S55	0	de adj jitter adj buffer.ab.	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:42
S56	0	de adj jitter adj buffer.ti.	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:42
S57	0	de adj jitter adj buffer same media	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:43
S58	4	de adj jitter adj buffer and media	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:46
S59	9	de adj jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/02 13:47
S60	9	de adj jitter adj buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 13:48
S61	188	jitter adj buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:11
S62	2	dejitter adj buffer }	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:12
S63	3	dejitter\$3 adj buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:15
S64	0	dejitter\$3 adj buffer same minimiz\$3 adj delay	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:13
S65	0	dejitter\$3 adj buffer and minimiz\$3 adj delay	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:13

## EAST Search History

S66	2259	minimiz\$3 adj delay	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:20
S67	27	(minimiz\$3 adj delay) same media	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:14
S68	797	burst adj rate	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:16
S69	0	(burst adj rate) same stream\$3 adj media	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:16
S70	1	(burst adj rate) and stream\$3 adj media	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:17
S71	87	dejitter\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:17
S72	18	minimiz\$3 adj start adj up adj delay	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 14:22
S73	1	minimiz\$3 adj start adj up adj delay and media	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 15:23
S74	53	"709"/\$.ccls. and (adapt\$4 and rate).ab.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/07/02 15:41
S75	1	"5996018".pn.	USPAT	OR	OFF	2003/07/02 15:42
S76	7870	first adj path same second adj path	USPAT	OR	OFF	2003/07/02 15:44
S77	1	"5928330".pn.	USPAT	OR	OFF	2003/07/02 15:44
S78	0	(first adj path same second adj path) same burst adj size	USPAT	OR	OFF	2003/07/02 15:45
S79	20	(first adj path same second adj path) same burst	USPAT	OR	OFF	2003/07/02 15:45
S80	1	((first adj path same second adj path) same burst ) and media	USPAT	OR	OFF	2003/07/02 16:14
S81	1	burst adj transmit adj buffer	USPAT	OR	OFF	2003/07/02 16:15
S82	2148	data adj burst	USPAT	OR	OFF	2003/07/02 16:15

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S83	20	(data adj burst) same media	USPAT	OR	OFF	2003/07/02 16:16
S84	660	burst adj rate	USPAT; IBM_TDB	OR	OFF	2003/07/02 16:16
S85	10	burst adj rate	IBM_TDB	OR	OFF	2003/07/02 16:18
S86	18	burst adj length	IBM_TDB	OR	OFF	2003/07/02 16:18
S87	1	stream\$3 adj media	IBM_TDB	OR	OFF	2003/07/02 16:19
S88	1742	burst adj length	USPAT	OR	OFF	2003/07/02 16:19
S89	60	(burst adj length) same (media or video or audio)	USPAT	OR	OFF	2003/07/02 16:20
S90	0	((burst adj length) same (media or video or audio)) same jitter	USPAT	OR	OFF	2003/07/02 16:20
S91	35	((burst adj length) same (media or video or audio)) and jitter or dejitter	USPAT	OR	OFF	2003/07/02 16:22
S92	1	dejitter\$3 adj buffer\$3	USPAT	OR	OFF	2003/07/02 16:23
S93	0	dejitter\$3 adj buffer	USPAT	OR	OFF	2003/07/02 16:24
S94	0	dejitter adj buffer	USPAT	OR	OFF	2003/07/02 16:24
S95	4	de-jitter adj buffer	USPAT	OR	OFF	2003/07/02 16:26
S96	13	de-jittering	USPAT	OR	OFF	2003/07/02 16:28
S97	0	de-jittering same media	USPAT	OR	OFF	2003/07/02 16:28
S98	0	variable adj sixze adj de-jitter	USPAT	OR	OFF	2003/07/02 16:28
S99	0	variable adj size adj de-jitter	USPAT	OR	OFF	2003/07/02 16:29
S100	1294	initial near2 burst	USPAT	OR	OFF	2003/07/02 16:29
S101	0	(initial near2 burst) same stream\$3 adj media	USPAT	OR	OFF	2003/07/02 16:30
S102	9	bit adj rate adj transcoder	USPAT	OR	OFF	2003/07/02 16:32
S103	1	"5928330".pn.	USPAT	OR	OFF	2003/07/02 16:33
S104	1	"6496868".pn.	USPAT	OR	OFF	2003/07/02 16:36
S105	1	"6490250".pn.	USPAT	OR	OFF	2003/07/02 17:00
S106	21284	client or user with dejitter adj buffer	USPAT	OR	OFF	2003/07/02 17:06
S107	153	(client or user with dejitter adj buffer) and stream\$3 adj media	USPAT	OR	OFF	2003/07/02 17:01
S108	21284	client or user same dejitter adj buffer	USPAT	OR	OFF	2003/07/02 17:06
S109	1	dejitter adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:16

## EAST Search History

S11 0	0	dejitter adj buffer.ti.	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:17
S11 1	1	dejitter adj buffer.ab.	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:21
S11 2	41	dejitter	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:22
S11 3	46	dejitter or de adj jitter and media	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:24
S11 4	223900	proxy or server or host	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:25
S11 5	586051	(proxy or server or host) same client or user	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:25
S11 6	16	minimiz\$3 near2 start adj up adj delay	USPAT	OR	OFF	2003/07/03 09:29
S11 7	0	minimiz\$3 near2 start adj up adj delay same media	USPAT	OR	OFF	2003/07/03 09:29
S11 8	0	minimiz\$3 near2 start adj up adj delay and media	USPAT	OR	OFF	2003/07/03 09:29
S11 9	22	minimiz\$3 near2 start adj up adj delay	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:29
S12 0	1	dejitter\$3 adj technique	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:30
S12 1	1	dejitter\$3 adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:40
S12 2	18	burst near2 transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:42
S12 3	0	burst adj path near2 transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:42
S12 4	0	burst adj rate near2 transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:44
S12 5	18	burst near2 transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:45
S12 6	12	rate near2 transmit adj buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:46
S12 7	288805	send\$3 or transmit\$3 near2 (media or audio or video or multimedia) same rate\$1	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:48
S12 8	22225	(send\$3 or transmit\$3 near2 (media or audio or video or multimedia) same rate\$1) same buffer	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:48
S12 9	61543	(send\$3 or transmit\$3 near2 (media or audio or video or multimedia) same rate\$1) same (client or user)	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:49



## EAST Search History

S13 0	22206	((send\$3 or transmit\$3 near2 (media or audio or video or multimedia) same rate\$1) same (client or user)) same (proxy or server or host)	US-PGPUB; USPAT	OR	OFF	2003/07/03 09:49
S13 1	386	((((send\$3 or transmit\$3 near2 (media or audio or video or multimedia) same rate\$1) same (client or user)) same (proxy or server or host)) and jitter	US-PGPUB; USPAT	OR	OFF	2003/07/03 10:21
S13 2	32855	switch\$3 near3 path\$1	US-PGPUB; USPAT	OR	OFF	2003/07/03 10:22
S13 3	4041	switch\$3 adj path\$1	US-PGPUB; USPAT	OR	OFF	2003/07/03 10:22
S13 4	49	(switch\$3 adj path\$1) same media	US-PGPUB; USPAT	OR	OFF	2003/07/03 10:24
S13 5	1949	bit adj rate.ab.	US-PGPUB; USPAT	OR	OFF	2003/07/03 10:25
S13 6	24	bit adj rate.ab. same media	US-PGPUB; USPAT	OR	OFF	2003/07/03 13:03
S13 7	3	hinchley.in.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:11
S13 8	1	"6360271".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:13
S13 9	1	"6212206".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:13
S14 0	1	"6542546".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:13
S14 1	1	"6259677".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:14
S14 2	1	"6452950".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:14
S14 3	1	"6496868".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:15
S14 4	1	"5928330".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:15
S14 5	1	"6175871".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:15
S14 6	1	"6484212".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:15
S14 7	1	"6434606".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:16
S14 8	1	"20010055276".pn.	US-PGPUB; USPAT	OR	OFF	2003/07/03 16:16

## EAST Search History

S14 9	284	jitter adj buffer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:26
S15 0	284	jitter adj buffer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:27
S15 1	82	jitter adj buffer	USPAT	OR	OFF	2004/04/20 15:29
S15 2	10	de?jitter adj buffer	USPAT	OR	OFF	2004/04/20 15:29
S15 3	16	de?jitter adj buffer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 16:03
S15 4	2086	stream\$3 adj media	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:31
S15 5	2	(jitter adj buffer) same (stream\$3 adj media)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:41
S15 6	1	"692834".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:41
S15 7	1	"6292834".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:47
S15 8	1	"5996018".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:49
S15 9	410	start adj up adj delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:50
S16 0	0	(jitter adj buffer) same (start adj up adj delay)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:50
S16 1	0	(jitter adj buffer) and (start adj up adj delay)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:51
S16 2	1	"6023725".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:52
S16 3	1	"6405256".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 15:52
S16 4	1	variable adj bit adj rate adj transcoder	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 16:08

## EAST Search History

S16 5	1	"5534937".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 16:14
S16 6	2	(start adj up adj delay) and stream\$3 adj media	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 16:28
S16 7	1	"6637031".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/04/20 16:28
S16 8	1844	(proxy or server) with buffer	USPAT	OR	OFF	2004/09/28 13:32
S16 9	3	((proxy or server) with buffer) same transcoder	USPAT	OR	OFF	2004/09/28 13:34
S17 0	1	"5996018".pn.	USPAT	OR	OFF	2004/09/28 13:35
S17 1	1	"4995056".pn.	USPAT	OR	OFF	2004/09/28 13:35
S17 2	44	burst adj path	US-PGPUB; USPAT	OR	OFF	2005/08/01 09:55
S17 3	30	de adj jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:06
S17 4	44	burst adj path	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:06
S17 5	182	burst adj buffer	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:06
S17 6	0	S175 same (media and multimedia)	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:07
S17 7	11	S175 and (media and multimedia)	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:55
S17 8	478	jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2005/08/01 10:56
S17 9	25	S178 and (stream\$3 adj media)	US-PGPUB; USPAT	OR	OFF	2005/08/01 11:08
S18 0	1	"6434606".pn.	US-PGPUB; USPAT	OR	OFF	2005/08/01 11:08
S18 1	26	("4076964"   "5072442"   "5091905"   "5402424"   "5534937"   "5640388"   "5805602"   "5812790"   "5859979"   "5870412"   "5915104"   "5931928"   "5936616"   "5940479"   "5949975"   "5996018"   "6005846"   "6029252"   "6031848"   "6081844"   "6161160"   "6167050"   "6175871"   "6259691"   "6360271"   "6366959").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:12

## EAST Search History

S18 2	500632	transcoder same jitter buffer	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:13
S18 3	3	transcoder same (jitter adj buffer)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:13
S18 4	30	transcoder and (jitter adj buffer)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:16
S18 5	46	(spurt or burst) adj path	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:21
S18 6	23612	(first or initial or primary or regular) adj path	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:22
S18 7	41401	((first or initial or primary or regular) adj (path or rate))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:22
S18 8	145197	((second or burst or high\$3 or spurt) adj (path or rate))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:23
S18 9	19793	S187 same S188	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:23
S19 0	81	S189 same server	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:26
S19 1	41	S190 and media	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:27
S19 2	2	S191 and jitter	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:43
S19 3	247	S187 with server	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:43
S19 4	255	S188 with server	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:43
S19 5	55	S193 same S194	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 14:44
S19 6	1830	(fast or high\$2 or burst) adj path	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:48
S19 7	3296581	(slow or lower\$2 or regular or normal) adjpath	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:49

## EAST Search History

S19 8	6352	(slow or lower\$2 or regular or normal) adj path	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:29
S19 9	346	S196 same S198	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:58
S20 0	33	S199 same switch	US-PGPUB; USPAT	OR	OFF	2006/02/02 16:09
S20 1	80	S199 same (buffer or queue)	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:57
S20 2	2	S199 same jitter	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:57
S20 3	0	S199 same (minimiz\$3 or reduc\$3 or decreas\$3) adj delay	US-PGPUB; USPAT	OR	OFF	2006/02/02 15:59
S20 4	20	S199 and (minimiz\$3 or reduc\$3 or decreas\$3) adj delay	US-PGPUB; USPAT	OR	OFF	2006/02/02 16:01
S20 5	1	"6542736".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/02 16:01
S20 6	46	burst adj path	US-PGPUB; USPAT	OR	OFF	2006/02/02 16:11
S20 7	35	de?jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2006/02/02 16:14
S20 8	35	de?jitter adj buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:40
S20 9	4437	stream\$3 adj media	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:41
S21 0	7	S209 and (burst adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:42
S21 1	145371	(fast or high\$2 or burst) adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:43

## EAST Search History

S21 2	95789	(slow or low\$3 or regular or normal) adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:43
S21 3	13565	S211 same S212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:43
S21 4	341	S213 same buffer\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:44
S21 5	0	S214 same playout	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:44
S21 6	100	playout adj buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:44
S21 7	0	S214 and S216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:44
S21 8	3	S211 and S216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:47
S21 9	16210	(minimiz\$3 or reduc\$3 or decreas\$3) adj delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:47

## EAST Search History

S22 0	16	S219 same (fast or burst or high\$2) adj path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 16:51
S22 1	9860	(first and second) adj buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:06
S22 2	31	S198 same (buffer\$3 adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:19
S22 3	150554	buffer\$3 near3 data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:19
S22 4	105	S223 same playout	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:20
S22 5	0	S196 same S224	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:20
S22 6	0	S196 and S224	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:20
S22 7	1	S224 same (minimiz\$3 or reduc\$3 or decreas\$3) adj delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:25

## EAST Search History

S22 8	16210	(minimiz\$3 or reduc\$3 or decreas\$3) adj delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:25
S22 9	22	S228 same (de-jitter adj buffer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/02 17:28
S23 0	70	((slow or lower\$2 or regular or normal) adj path) with buffer	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:33
S23 1	1395	server near2 buffer\$1	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:34
S23 2	2	S231 same playout	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:33
S23 3	6	S211 same S231	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:35
S23 4	236	server adj buffer	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:35
S23 5	19	S234 and (stream\$3 adj media)	US-PGPUB; USPAT	OR	OFF	2006/02/02 17:35
S23 6	49	(burst adj path)	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:37
S23 7	29930	(stream\$3 adj (media or data))	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:37
S23 8	1	S237 same (burst adj2 path)	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:38
S23 9	1	(fast adj burst adj2 path)	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:38
S24 0	615	(burst near3 path)	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:39
S24 1	2	S237 same S240	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:39
S24 2	80	S237 and S240	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:41
S24 3	99	S237 same transcoder	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:42
S24 4	6	S243 same buffer	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:52
S24 5	629	jitter adj buffer	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:52
S24 6	0	S245 same (burst42)	US-PGPUB; USPAT	OR	OFF	2006/05/24 18:52



## EAST Search History

S24 7	40	S245 same (burst\$2)	US-PGPUB; USPAT	OR	OFF	2006/05/24 19:54
S24 8	1	"6360271".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/24 19:54
S24 9	3	(burst adj path) same rate	US-PGPUB; USPAT	OR	OFF	2006/11/22 15:58
S25 0	51	(burst adj path)	US-PGPUB; USPAT	OR	OFF	2006/11/22 15:58
S25 1	0	S250 and (stream\$3 adj media)	US-PGPUB; USPAT	OR	OFF	2006/11/22 15:59
S25 2	5	S250 and media	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:09
S25 3	1	"6434606".pn.	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:09
S25 4	30	("6434606").URPN.	USPAT	OR	OFF	2006/11/22 16:09
S25 5	0	("6977942").URPN.	USPAT	OR	OFF	2006/11/22 16:17
S25 6	21	("20040066751"   "5963551"   "6085252"   "6219339"   "6259677"   "6259691"   "6282196"   "6301258"   "6304567"   "6360271"   "6366959"   "6400681"   "6434606"   "6452950"   "6483835"   "6512761"   "6570849"   "6574213"   "6584104"   "6665317"   "6704329").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 16:23
S25 7	5016	data adj burst	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 16:23
S25 8	3	S257 same play adj out	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 16:24
S25 9	9	S257 and play adj out	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 16:24
S26 0	6	S259 not S258	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 16:24
S26 1	79	709/231.ccls. and ad<"20000628" and jitter	USPAT	OR	OFF	2007/07/05 02:46
S26 2	79	709/231.ccls. and ad<"20000628" and jitter	USPAT	OR	OFF	2007/07/05 02:47
S26 3	0	709/231.ccls. and (diminish\$3 near5 (stream\$3 adj media))	USPAT	OR	OFF	2007/07/05 02:48

## EAST Search History

S26 4	4	709/231.ccls. and (jitter same (stream\$3 adj media))	USPAT	OR	OFF	2007/07/05 02:52
S26 5	1	switch\$3 near3 (burst adj path)	USPAT	OR	OFF	2007/07/05 02:53
S26 6	0	(stream\$3 adj media) same (burst adj rate)	USPAT	OR	OFF	2007/07/05 02:55
S26 7	1	(stream\$3 adj media) and (burst adj rate)	USPAT	OR	OFF	2007/07/05 02:56
S26 8	4475	bandwidth near2 (monitor\$3 or track\$3 or measur\$3 or calculat\$3)	USPAT	OR	OFF	2007/07/05 02:58
S26 9	17294	(minimiz\$5 or reduc\$5 or decreas\$5) adj2 delay	USPAT	OR	OFF	2007/07/05 02:58
S27 0	5	S268 same S269	USPAT	OR	OFF	2007/07/05 03:00
S27 1	2	(low43 or regular or normal) adj rate near1 (path or channel)	USPAT	OR	OFF	2007/07/05 03:01
S27 2	151	(low\$3 or regular or normal) adj rate near1 (path or channel)	USPAT	OR	OFF	2007/07/05 03:01
S27 3	19	(slow adj rate) NEAR1 (PATH OR CHANNEL)	USPAT	OR	OFF	2007/07/05 03:02
S27 4	170	S272 OR S273	USPAT	OR	OFF	2007/07/05 03:02
S27 5	106	((fast or higher\$2 or burst) adj rate) near1 (path or channel)	USPAT	OR	OFF	2007/07/05 03:03
S27 6	10	S274 same S275	USPAT	OR	OFF	2007/07/05 03:05
S27 7	1470	stream\$3 adj media	USPAT	OR	OFF	2007/07/05 03:05
S27 8	6	S277 same play adj out	USPAT	OR	OFF	2007/07/05 03:05
S27 9	0	("7111058").URPN.	USPAT	OR	OFF	2007/07/05 03:07
S28 0	0	("7111058").URPN.	USPAT	OR	OFF	2007/07/05 03:07
S28 1	1	"5206901".PN.	USPAT; USOCR	OR	OFF	2007/07/05 03:08
S28 2	10	retransmit\$5 near4 (stream\$3 adj media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 18:47

## EAST Search History

S28 3	1295	burst adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 15:46
S28 4	0	S283 same (stream\$3 adj media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 15:46
S28 5	10	S283 and (stream\$3 adj media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 15:47
S28 6	65	burst adj path	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 16:25
S28 7	0	S286 and (stream\$3 adj media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 16:24
S28 8	7	S286 and media	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 16:33
S28 9	127	monitor\$3 near3 (network adj bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 16:34

## EAST Search History

S29 0	1	S289 same (stream\$3 adj media)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/08 16:34
S29 1	0	("7111058").URPN.	USPAT	OR	OFF	2007/07/08 16:34
S29 2	32	("4506358"   "4710813"   "5206901"   "5287103"   "5361256"   "5534925"   "5600635"   "5953312"   "5996022"   "6021449"   "6064653"   "6078582"   "6085101"   "6205139"   "6240089"   "6240462"   "6243761"   "6272127"   "6282192"   "6292834"   "6330316"   "6363065"   "6421720"   "6452922"   "6480898"   "6490250"   "6510219"   "6542499"   "6661841"   "6680910"   "6728263"   "6754232").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 16:35
S29 3	86	(lashonda near jacobs).xa.	USPAT	OR	OFF	2007/12/21 16:53
S29 4	0	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ad<"20000628" and (retransmit\$4 near4 stream\$3 adj media) same (jitter adj buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:04
S29 5	0	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ad<"20000628" and (retransmit\$4 near4 stream\$3 adj media) and (jitter adj buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:05
S29 6	0	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ad<"20000628" and (retransmit\$4 near4 stream\$3 adj media) and (buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:09
S29 7	0	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and (retransmit\$4 near4 stream\$3 adj media) and (buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:09
S29 8	18453	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls.	US-PGPUB; USPAT	OR	OFF	2007/12/21 17:09

## EAST Search History

S29 9	4	709/231,230,246,217,218, 219;725/41,43,90,94,96, 98;370/231,232.ccls. and ((transmit\$4 or send\$3 or transfer\$4) near data) same (jitter adj buffer)	US-PGPUB; USPAT	OR	OFF	2007/12/23 13:18
S30 0	39	("6434606").URPN.	USPAT	OR	OFF	2007/12/21 17:19
S30 1	0	("7277943").URPN.	USPAT	OR	OFF	2007/12/21 17:23